

In the Claims:

Claims 1 to 6 (canceled).

- 1     **7.**     (new) A filtration apparatus comprising:
- 2             a housing head having an inlet and an outlet;
- 3             a housing bowl detachably attached to said housing
- 4             head and surrounding a cartridge filter to define a channel
- 5             wall; and
- 6             a releasable clamping device that exerts a force to
- 7             press said housing head and said housing bowl against each
- 8             other to clamp said housing head and said housing bowl
- 9             together, wherein:
- 10            said housing head has a ring-shaped first sealing
- 11            portion that faces said housing bowl;
- 12            said housing bowl has a ring-shaped second sealing
- 13            portion that abuts directly against said first sealing
- 14            portion when said clamping device exerts said force to
- 15            press said housing head and said housing bowl against each
- 16            other;
- 17            one of said first and second sealing portions is a
- 18            protrusion and another of said first and second sealing
- 19            portions is a recess;
- 20            with respect to an axial-section along a cylindrical
- 21            axis line of said housing head and said housing bowl, said
- 22            protrusion has a radially inner arcuate curved protrusion
- 23            surface and a radially outer arcuate curved protrusion
- 24            surface;

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25 said recess is bounded by a radially inner recess wall  
26 portion and a radially outer recess wall portion; and

27 said radially inner arcuate curved protrusion surface  
28 presses against said radially inner recess wall portion to  
29 form a first inner circular seal, and said radially outer  
30 arcuate curved protrusion surface presses against said  
31 radially outer recess wall portion to form a second outer  
32 circular seal.

1 8. (new) The filtration apparatus according to claim 7,  
2 wherein said radially inner and radially outer arcuate  
3 curved protrusion surfaces are portions of an overall  
4 semi-circular curved sectional shape of said protrusion  
5 with respect to said axial section.

1 9. (new) The filtration apparatus according to claim 7,  
2 wherein said radially inner recess wall portion and said  
3 radially outer recess wall portion each have an arcuate  
4 curved shape with respect to said axial section.

1 10. (new) The filtration apparatus according to claim 9,  
2 wherein said radially inner and radially outer recess wall  
3 portions are portions of an overall semi-circular curved  
4 sectional shape of said recess with respect to said axial  
5 section.

1 11. (new) The filtration apparatus according to claim 7,  
2 excluding any O-ring between said housing head and said  
3 housing bowl.

1 12. (new) The filtration apparatus according to claim 7,  
2 wherein, when said recess and said protrusion are pressed  
3 against each other, said recess is increased in width  
4 elastically and has resilience allowing said recess to  
5 cooperate with said protrusion to form said seals.

1 13. (new) The filtration apparatus according to claim 7,  
2 wherein said housing head, said cartridge filter and said  
3 housing bowl are all formed of a fluororesin.

[RESPONSE CONTINUES ON NEXT PAGE]

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